

ABSTRACT OF THE DISCLOSURE

An electronic device including a predictor that has a collision history table (CHT) is presented. An extended load buffer is connected to the predictor. Also included is a marking unit, a comparing unit and a recovery unit connected to the extended load buffer. Unexecuted load instructions are advanced over store instructions. Also presented is a method for fetching an instruction and determining if an instruction is a store or a load. If the instruction is a store, then the method performs a silent store prediction. If the instruction is a load, a predicted silent store instruction is bypassed and the load instruction is executed.

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